

# Cisco Wireless LAN Controller (WLC) Denial of Service (DoS) Vulnerability



Severity: Critical  
CVE ID: CVE-2011-0427  
Published: 2011-04-27 16:00  
Version: 1.0  
Workarounds: No Workarounds available  
Cisco ID: 2100

A Denial of Service (DoS) vulnerability exists in the Cisco Wireless LAN Controller (WLC) software versions 5.2.2 through 6.0.0. An attacker can exploit this vulnerability to cause a WLC to crash, resulting in a loss of service for all wireless LAN clients connected to the controller.

## Summary

Cisco Wireless LAN

Controller (WLC) versions 5.2.2 through 6.0.0 are affected by a Denial of Service (DoS) vulnerability. An attacker can exploit this vulnerability to cause a WLC to crash, resulting in a loss of service for all wireless LAN clients connected to the controller.

For more information, see the Cisco Security Advisory at <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20110427-wlc>.

## Details

The vulnerability exists in the Cisco Wireless LAN Controller (WLC) software versions 5.2.2 through 6.0.0.

Cisco Wireless LAN Controller (WLC) versions 5.2.2 through 6.0.0 are affected by a Denial of Service (DoS) vulnerability.

WLC versions 5.2.2 through 6.0.0 are affected by a Denial of Service (DoS) vulnerability. An attacker can exploit this vulnerability to cause a WLC to crash, resulting in a loss of service for all wireless LAN clients connected to the controller.

- Cisco 2100 Wireless LAN Controller (WLC) software versions 5.2.2 through 6.0.0
- Cisco WLC526 Mobility Express Express Controller (AIR-WLC526-K9) software versions 5.2.2 through 6.0.0
- Cisco NME-AIR-WLC526-K9 software versions 5.2.2 through 6.0.0
- Cisco NM-AIR-WLC526-K9 software versions 5.2.2 through 6.0.0

Cisco NM-AIR-WLC526-K9

WLC versions 5.2.2 through 6.0.0 are affected by a Denial of Service (DoS) vulnerability. An attacker can exploit this vulnerability to cause a WLC to crash, resulting in a loss of service for all wireless LAN clients connected to the controller.

[http://www.cisco.com/en/US/prod/collateral/modules/ps2797/prod\\_end-of-life\\_notice0900aecd806aeb34.html](http://www.cisco.com/en/US/prod/collateral/modules/ps2797/prod_end-of-life_notice0900aecd806aeb34.html)

WLC versions 5.2.2 through 6.0.0 are affected by a Denial of Service (DoS) vulnerability.

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WiSMi14^Cisco Catalyst 6500ã,ãfããf14ã,ã,1ã,ããffãf◆ã◆ Šã,^ã◆3Cisco  
7600ã,ãfããf14ã,ãf«ãf14ã,ã◆ @ã,3ãfžãf3ãf%ãã,ã1/2ç◆ i14%ã◆ Šã€◆ Cisco  
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Summary]ã,ã,ããããfã,ã◆ -ã◆ |ã€◆ [Software  
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æ3i14šISRã◆ ŠCisco

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**module wlan-controller <slot/port>**

sessionã,3ãfžãf3ãf%ãã,ç°è;Eã◆™ã,ãç...è|◆ã◆CEã◆,ã,šã◆34ã◆™ã€,çμ±ã◆ ^WLCãfçã,ãfããf14ãfãã

Catalyst

3750Gã,1ã,ããffãf◆ã,ã1/2ç◆ -ã◆ |ã◆,,ã,ã◆ Šã@çæšã◆ -ã€◆ã,3ãfžãf3ãf%ãfã,ããf3ã

**<Stack-Member-Number> processor 1**

sessionã,3ãfžãf3ãf%ãã,ç°è;Eã◆™ã,ãç...è|◆ã◆CEã◆,ã,šã◆34ã◆™ã€,

- ã,3ãfžãf3ãf%ãfã,ããf3ã,ããf3ã,çãf14ãfã,šã,ãã,1ã◆ Sshow  
sysinfoã◆ "ã...¥ãšã◆ -ã€◆æ¬ã◆ @ã34ãã◆ ç°èã◆™ã,ã◆tã◆ã€◆ [Product]  
[Version]ãfã,£ãf14ãfããf%ããã«æ3ç>@ã◆ -ã◆34ã◆™ã€,

(Cisco Controller)> show sysinfo

```
Manufacturer's Name.. Cisco Systems Inc.  
Product Name..... Cisco Controller  
Product Version..... 5.1.151.0  
RTOS Version..... Linux-2.6.10_mv1401  
Bootloader Version... 4.0.207.0  
Build Type..... DATA + WPS  
<output suppressed>
```

## Cisco WiSM

WiSMã◆CEã,ããf3ã,1ãfããf14ãfããã◆ã,CEã◆ |ã◆,,ã,Cisco Catalyst

6500ã,ãfããf14ã,ã,1ã,ããffãf◆ã◆ Šã,^ã◆3Cisco 7600ã,ãfããf14ã,ãf«ãf14ã,ã◆ Šã◆ -ã€◆ show

**wism module <module number> controller 1**

status

<#root>

Router#

show wism module 3 controller 1 status

```

WiSM Controller 1 in Slot 3
Operational Status of the Controller
  : Oper-Up
Service VLAN
  : 192
Service Port
  : 10
Service Port Mac Address
  : 0011.92ff.8742
Service IP Address
  : 192.168.10.1
Management IP Address
  : 192.168.1.123
Software Version
  : 5.1.151.0
Port Channel Number
  : 288
Allowed vlan list
  : 30,40
Native VLAN ID
  : 40
WCP Keep Alive Missed
  : 0

```

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æ¬;ã©Ciscoãfã,ããããfã,¹LANã,³ãf³ãf^ãããf¼ãf©ãããããã®è,,†â¼±æ€šã®â½±éÿ¿ã,â

- Cisco 2000 ã,ãfªãf¼ã,° WLC
- Cisco 2500 ã,ãfªãf¼ã,° WLC
- Cisco 4100 ã,ãfªãf¼ã,° WLC
- Cisco 4400 ã,ãfªãf¼ã,° WLC
- Cisco Catalyst 3750Gç#ã^WLC
- Cisco 5500 ã,ãfªãf¼ã,° WLC
- Cisco Wireless Services Module¼^WiSMã€WiSMã WiSM2ã®ä;æ¹¼%o
- Cisco Wireless Services Ready Engine(SRE)ãfçã,ãfªãf¼ãf«
- Cisco Flex 7500ã,ãfªãf¼ã,°Cloud Controller

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Fixed Release	Releasei1/4^ä;®æfã•ã,Œãÿæœ€â^ã®ãfãfãf1/4ã,1i1/4%o
4.0	è,,†â1/4±æ€§ã^ã—
4.1	è,,†â1/4±æ€§ã^ã—
4.1 M	è,,†â1/4±æ€§ã^ã—
4.2	è,,†â1/4±æ€§ã^ã—
420ä,†	è,,†â1/4±æ€§ã^ã—
5.0	è,,†â1/4±æ€§ã^ã—
5.1	è,,†â1/4±æ€§ã^ã—
5.2	è,,†â1/4±æ€§ã^ã—
6.0	6.0.200.0
7.0	7.0.98.216ãŠã,^ã³7.0.112.0

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Cisco PSIRT

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## URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20110427-wlc>

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## 翻訳について

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